Allison TSATSA

www.coderfoundry.com/allisontsatsa

FRAMEWORKS & PROGRAMMING LANGUAGES

HTML5
CSS3
JavaScript/ES6
JQuery
Bootstrap
.NET
C#
MVC
ASP.NET
SQL & Bash
LINQ
Xamarin
WebAPI

CODER FOUNDRY

1231 Shields Road, Suite 5
Kernersville, NC 27284
(336) 231-8632

partnerships@coderfoundry.com

EDUCATION

Harvard University, ALM Management
Cambridge, MA · 2018

University of Saint Joseph, M.S. Biology
Hartford, CT · 2015

Bellevue University, B.A. Health Science
Bellevue, NE · 2012

Georgia Northwestern Technical College, A.A.S. Surgical Technology
Rome, GA · 2010

PROFESSIONAL EXPERIENCE

Coder Foundry, Web Software Engineer
Kernersville, NC · April 2020 – June 2020

- Created three primary projects, including:
    1. A portfolio site using C#, MVC, HTML5, CSS3, BOOTSTRAP, JS & jQuery.
    2. A Financial Portal implemented in three phases. Phase 1: an MVC Web Application, Phase 2: a Web Service that utilizes Swagger and Swashbuckle for integrated testing, Phase 3: A cross platform Xamarin Mobile Application.
    3. Fully designed and developed a multi-functional issue tracker web application, implementing enhanced roles & security, which also used a Code First Relational database designed and modeled in SQL Server. Technologies used include: .Net Framework v. 4.6.1, MVC5, C#, LINQ, SQL, Entity Framework, jQuery DataTables.

Ecolab Kay Chemical, Quality Control Lab Analyst
Greensboro, NC · September 2018–March 2020

- Performed timely and accurate testing and evaluation of raw materials, in-process, and finished materials, as well as GMP samples to ensure quality specifications were maintained and governmental compliance was assured.
- Interacted with internal departments in troubleshooting problems with hardware, testing equipment, products and methods of development.
- Performed routine wet lab chemistry.
- Performed monthly Quality-oriented Career Start talks for new hires.
- Prepared reagents and maintained control logs.
- Calibration and operation of various lab equipment including GC, LC, pH meters, and others.

Harvard College, Teaching Fellow (LS1b)
Cambridge, MA · 2017

- Set up lab equipment and lead students through weekly lab activities such as bacterial sample collection and DNA sequencing.
- Used up-to-date scientific data to prepare and deliver weekly lectures on prepared material.
- Held weekly office hours to assist students with coursework and exam preparation.
- Assisted with making appropriate revisions to existing course materials such as problem sets, in-classroom activities and exams.

Harvard Department of Cellular and Molecular Biology, Laboratory Tech/Manager
Cambridge, MA · 2014 – 2017

- Operated, maintained, and troubleshooted lab equipment such as centrifuges, pH meters, autoclaves, lyophilizer, etc.
- Experience with tissue culture, PCR, bacterial growth and transformation, electrophoresis.
- Acted as Lab Safety Officer and ensured lab members were up-to-date with required training.
- Measured OD, performed assays using aseptic technique, prepared reagents.
- Assisted with experiments for multiple projects and kept log book.
- Made aliquots of stock solutions, buffers, and gels.
- Kept track of funding and grants, supplies, and contracts.
- Met with reps from several companies to discuss lab needs, negotiate prices and obtain quotes.
- Managed lab purchasing through Oracle.

Quincy College, Adjunct Professor
Quincy, MA · 2012 – 2016

- Instructed the following courses: Microbiology for the Surgical Technologist, Anatomy and Physiology for Healthcare Professionals, Medical Terminology, and Surgical Practicum
- Developed syllabi and created course materials, such as lectures, handouts, quizzes, and exam materials.
- Completed student evaluations, kept attendance, and monitored student progression in the Surgical Technology program.
- Promoted patient care by enforcing strict adherence to protocol and technique.

CODER
FOUNDRY

1231 Shields Road, Suite 5
Kernersville, NC 27284
(336) 231-8632

partnerships@coderfoundry.com